

What is claimed is:

1. An electrically-operated actuator system comprising:
an electrically-operated motor rotating by being supplied
5 with current from a power source;

a rotation angle detector for detecting a rotation angle
of said motor in association with a signal which relates to said
rotation angle;

an initial position setting portion for setting an initial
10 position of said motor based on a starting point memorized
therein; and

an initial position resetting portion for activating said
initial position setting portion in a situation where an
abnormality occurs in said signal or where said power source is
15 electrically disconnected.

2. An electrically-operated actuator system according to
claim 1, wherein said starting point is a position where a
movement of said motor is mechanically stopped, and said initial
20 position is away from said starting point.

3. An electrically-operated actuator system according to
claim 1, wherein said initial position resetting portion
determines that said abnormality occurs in said signal when
25 distortion occurs in a waveform of said signal.

4. An electrically-operated actuator system according to

claim 3, wherein said initial position resetting portion determines that said abnormality occurs in said signal when change in said signal stops while said current is applied from said power source to said motor.

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5. An electrically-operated actuator system according to claim 3, wherein said initial position resetting portion determines whether said abnormality occurs in said signal after a predetermined time has elapsed since the current from the power source is supplied to said motor.

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6. An electrically-operated actuator system according to claim 3, wherein said initial position resetting portion activates said initial position setting portion after supplying enabling current to said motor so that the motor rotates in a direction opposite to a direction in which said motor had rotated just before being stopped.

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7. An electrically-operated actuator system according to claim 3, wherein said initial position resetting portion activates said initial position setting portion after supplying enabling current to said motor so that the motor rotates in a direction opposite to a direction toward said starting point.

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8. An electrically-operated actuator system according to claim 1, wherein said initial position resetting portion activates said initial position setting portion when a

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predetermined time has elapsed after a starting switch for providing electric power to said motor is turned off in a case where the abnormality occurs in said signal that is memorized in a memory.

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9. An electrically-operated actuator system according to claim 1, wherein said initial position resetting portion activates said initial position setting portion immediately after a starting switch for providing electric power to said motor is turned off in a case where the abnormality occurs in said signal that is memorized in a memory.

10. An electrically-operated actuator system according to claim 1, wherein said initial position resetting portion activates said initial position setting portion immediately after said abnormality occurs in said signal.

11. An electrically-operated actuator system according to claim 1, wherein said power source is a battery and the electrically-operated actuator system further includes:

a start switch for providing electric power from said battery to said motor; and

a memory device for memorizing information input therein, and capable of keeping said information without electrical power being supplied from said battery, wherein

said initial position resetting portion includes:

battery information writing means for inputting

information denoting said battery is electrically connected after said start switch is turned off, and

activation means for activating said initial position setting portion when said information is not kept in said memory device after said start switch is turned on.

12. An electrically-operated actuator system according to claim 11, wherein said memory device is an EEPROM capable of being rewritten by an electrical procedure.

13. An electrically-operated actuator system according to claim 11, further including:

means for initializing said information input therein after said start switch is turned on.